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19 June 1957

ORR/S/COM'S CONTINUING REQUIREMENT AGAINST [REDACTED] FOR INFORMATION ON
COMMUNIST CHINA

the mission of ORR/S/COM is to provide economic intelligence estimates and reports relative to postal and telecommunications services, primarily for countries of the Sino-Soviet Bloc: USSR, East Germany, Poland, Czechoslovakia, Hungary, Rumania, Bulgaria, Albania, Communist China, North Korea, and Indochina.

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[REDACTED] either summary or fragmentary as available, regarding postal and telecommunications media, services and operations. The postal service requires little elaboration, but the major telecommunications media, services, and operations are listed below:

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<u>Media</u>	<u>Services</u>	<u>Operations and Uses</u>
Wire	Telegraph	Basic, civil system* (wire and radio)
Cable	Telephone	Broadcasting, Aural (including
Radio	Telephoto (Facsimile)	(radiofication)
	Broadcasting	Television
	Television	Maritime, including navigation aids
	Telemetering	Aviation, including navigation aids
	Telecontrol	Meteorological
		Railroads
		Other Industrial systems, example mining,
		geological
		Para-military, including police and fire
		Air Defense
		Amateur

* We are not able yet to separate strictly civil from strictly military (Army, Navy, Air). For this reason, on inter-city facilities, we would prefer total coverage rather than risk the possibility of losing valuable trunk line information.

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Types of Information Needed Concern:

1. Organization.
2. Plans and Plan Results
3. Capital Construction.
4. Routes and Networks.
5. Facilities and equipment planned, under construction, in service, under repair.
6. Traffic:
 - a. Volume by service and by media;
 - b. Control, delay, backlog;
 - c. Transmission techniques.
7. Labor Force:
 - a. Numbers;
 - b. Activity - Construction, Maintenance, Operations, Management, Ancillary;
 - c. Training and Training Programs;
 - d. Wages.
8. Financial:
 - a. Budget Allocations;
 - b. Investments;
 - c. Operational Revenues and Expenditures;
 - d. Rates and tariffs.
9. Efficiency, Vulnerability, Recuperability, Trends.

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10. Inter-Ministerial Relationships.
11. International Relationships.
12. Equipment - Manufacture, Export and Import, Supply.
13. Research and Development:

Experimental Operation.

The rapid rate of technological advancement in telecommunications in the post-World War II years has occasioned much confusion in technical terminology. Examples of these terms are "radio relay" which apply to four very different types of radio operation, and the words "channel", "circuit" and "link" which are often used interchangeably and with varying meanings. It is highly recommended, therefore,



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